

IN THE ABSTRACTAbstract ABSTRACT OF THE DISCLOSURE

The invention relates to a device 20 comprising includes a receiver 21 for receiving and processing signals at least in a first frequency band and an antenna 216 which is connected to the receiver 21. In order to improve the performance of such a receiver, the device 20 comprises in addition includes a tuning component 217 for shifting a frequency response of the antenna 216 from the first frequency band to a second frequency band. Further, the device 20 comprises includes a controlling portion 221 causing the tuning component 217 to shift the frequency response of the antenna 216 from the first frequency band to the second frequency band, in case a wideband noise is expected in the first frequency band. The invention relates equally to a corresponding method is shown as well.

**For publication: Figure 2**